

# Ajay Gangwar

**LinkedIn:** [LinkedIn/ajaygangwar945](#)  
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## SKILLS

- **Languages:** Python, C/C++, JavaScript, Java
- **Frameworks:** React, Next.JS, Express, NodeJS, HTML and CSS, Tailwind CSS
- **Tools/Platforms:** MySQL, MongoDB, Figma, MS Excel, Power BI, Git, GitHub, Linux
- **Core CS Fundamentals:** DBMS, OS, CN, SQL, OOPs
- **AI/ML & Data:** Pandas, NumPy, Seaborn, Scikit-learn, Matplotlib
- **Soft Skills:** Problem-Solving, Time Management, Leadership, Team Player, Adaptability

## PROJECTS

### Ayush Healthcare Interoperability Platform | [GitHub](#) | [Live](#) Sep '25 – Oct '25

- Developed a full-stack healthcare platform using React and FastAPI to bridge traditional medicine with global standards.
- Engineered a dual-coding engine mapping NAMASTE terms to ICD-11 and SNOMED CT via AI-powered fuzzy matching.
- Implemented HL7 FHIR R4 compliance and ISO 22600 access controls for standardized health data exchange.
- Integrated ABHA OAuth2 authentication and real-time WHO APIs to support national digital health ecosystems.
- **Tech Stack:** Python (FastAPI), React, TypeScript, HL7 FHIR R4, WHO API

### ATS Resume Score | [GitHub](#) | [Live](#) Mar '25 – Apr '25

- Developed an AI-powered resume analyzer using Streamlit to evaluate candidate profiles against job descriptions.
- Integrated Google Gemini API to process PDF documents and generate intelligent alignment scores with feedback.
- Implemented advanced keyword matching algorithms to identify missing skills and calculate precise job fit percentages.
- Engineered a secure data processing pipeline converting PDFs to images for efficient real-time analysis.
- **Tech Stack:** Python, Streamlit, Google Gemini API, Pillow

### Pet Adoption & Animal Welfare | [GitHub](#) | [Live](#) Jun '24 – Jul '24

- Developed a responsive web platform using HTML, CSS, and JavaScript to facilitate seamless pet adoption.
- Integrated Swiper.js to engineer an interactive image slider for dynamic and engaging visual storytelling.
- Implemented robust client-side form validation to ensure accurate data collection for user inquiries.
- Deployed the application on Netlify, optimizing the interface for full accessibility across all devices.
- **Tech Stack:** HTML5, CSS3, JavaScript, Swiper.js, Netlify

## TRAINING

### Lovely Professional University - CodeQuery | [Certificate](#) Jun '25 - Jul '25

- Developed a centralized conference portal using Oracle APEX to automate academic paper submission workflows.
- Designed a normalized database schema utilizing PL/SQL triggers and sequences to enforce strict data integrity.
- Implemented stored procedures to encapsulate complex business logic for managing paper review lifecycles.
- Engineered secure role-based access controls and dashboards to eliminate manual email-based tracking.
- **Tech Stack:** Oracle Database 19c, Oracle APEX, PL/SQL, SQL Developer

## CERTIFICATES

- Introduction to Modern AI | Cisco | [Link](#) Nov '25
- Flutter UI Bootcamp | Udemy | [Link](#) Oct '25
- Python for Data Science | NPTEL | [Link](#) Feb '25
- Software Engineering | Coursera | [Link](#) May '24

## CO-CURRICULAR ACTIVITY

- **Secured 2nd Position in HackTheBlock Hackathon | [Certificate](#)** Jun '25  
Achieved 2nd place among 600+ participants, winning \$300 for delivering a high-impact blockchain-based project.
- Solved 100+ coding problems across LeetCode and GFG, strengthening problem-solving and logical thinking. Apr '25

## EDUCATION

- **Lovely Professional University** Phagwara, Punjab  
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.38** Since Aug '23
- **Vidya Bhavan Public School** Bareilly, Uttar Pradesh  
Intermediate; **Percentage: 74%** Apr '21 – Apr '22
- **Vidya Bhavan Public School** Bareilly, Uttar Pradesh  
Matriculation; **Percentage: 90%** Apr '19 – Apr '20